

FlamMap



USDI NPS
USDA FS, Missoula Fire Lab,
Fire and Aviation Management,
Systems for Environmental Management,
Joint Fire Sciences Program

What is it ?

FlamMap is a spatial fire behavior mapping and analysis program, which requires a FARSITE landscape file (*.LCP), as well as terrain, fuel, and weather data. However, unlike FARSITE, FlamMap assumes that *every* pixel on the raster landscape burns and makes fire behavior calculations (e.g., fireline intensity, flame length) for each location (i.e., cell), *independent* of one another. That is, there is no predictor of fire movement across the landscape and weather and wind information can be held constant.

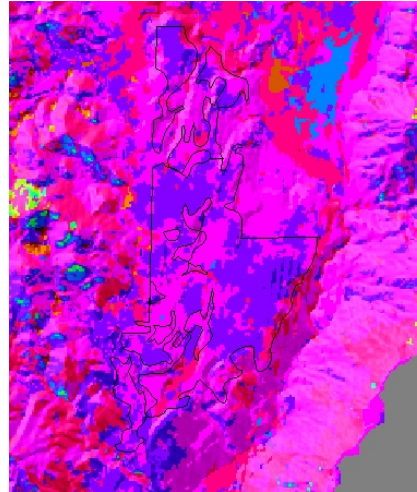
How can it help you ?

FlamMap output lends itself well to landscape comparisons (e.g., pre- and post-treatment effectiveness) and for identifying hazardous fuel and topographic combinations, thus aiding in prioritization and assessments.

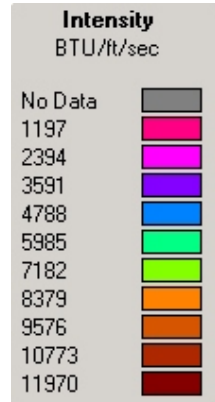
Available at:
www.fire.org



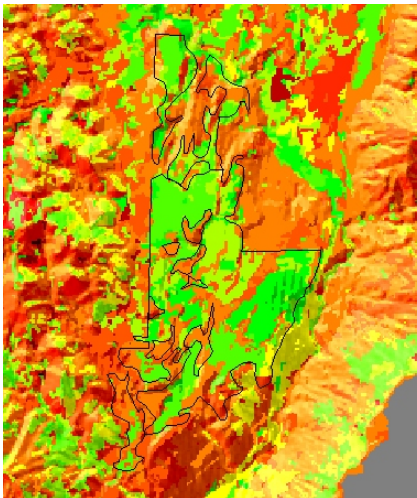
Pre-treatment



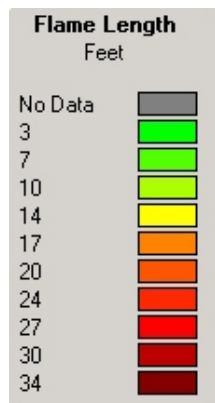
Fireline Intensity



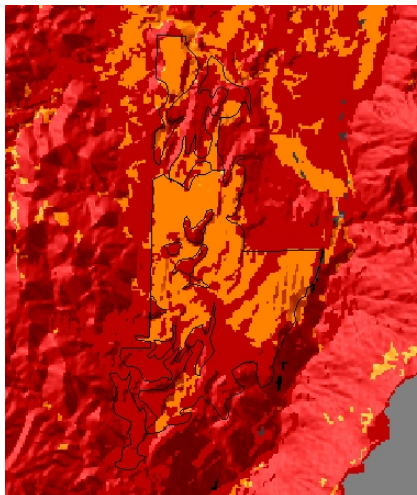
Post-treatment



Surface Flame Length



Post-treatment



Crown Fire Activity

